

Lockheed Aircraft Corp.		ENGINEERING STUDY <input checked="" type="checkbox"/>	LAC - 26-1							
DATE 9/28/59		AFFECTS: WSPO <input type="checkbox"/> PROJECT <input checked="" type="checkbox"/>								
NAME OF MAJOR COMPONENT Chicken Tail	PART OR LOWEST SUBASSEMBLY Black Box Instl.	PART NO. & MODEL OR TYPE								
TITLE OF PROPOSAL: Chicken Tail Assembly - [] Box		STATINTL								
NATURE OF PROPOSAL: See Page 2 Revised to include time to accomplish change in the field, and add kit description (Page 3) and note on field installation.										
REASON FOR PROPOSAL: To comply with project request to supply chicken tail assembly [] Box for test, operation and evaluation. Reference HQS. Msg. 8081 dated 24 April 1959.										
ES	ESTIMATED COST AND TIME INVOLVED: See page 3 for cost details.									
	ADDITIONAL FUNDING REQUIRED: (SP-1916)									
CP	ESTIMATED COST FOR KITS OR PARTS: [] STATINTL									
	ADDITIONAL FUNDING REQUIRED: None (SP-1917) See page 3 for additional details.									
ITEMS AFFECTED BY PROPOSAL:										
SAFETY	MISSION EFFECTIVENESS	PERFORMANCE	OPERATING PROCEDURE	INTER-CHANGEABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD					200 man/hrs. (5 man weeks)					
SOURCE OF PARTS FOR KIT LAC					AVAILABILITY: 4-6 WEEKS AFTER APPROVAL					
DISPOSITION OF SPARES AFFECTED None					STATINTL					
INITIATED BY: Project					APPROVED: WSPO [] PROJECT SIGNED []					

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NATURE OF PROPOSAL:

- *1. Construct 2 each F-633 Chix Tail boxes. The boxes to be "plumbed" to the Q-Bay in order to provide 4.1 psia at altitude.
2. Investigate and provide maximum antenna radiation isolation.
3. Construct 2 each F-634 radomes or improved versions resulting from study.
4. Provide wiring per RS-18.
5. Provide scoops for cooling air intakes.
6. Provide a Service Bulletin covering installation in the aircraft - 2 Kits.
7. Conduct flight tests to verify performance at maximum altitude.

* NOTE: LAC can provide 10 psia box and structure if required for better electronic performance than was obtained with prototype. This requires an extensive modification to the aircraft drag chute compartment and is not included in this quotation as [] have stated that 4.1 psia is satisfactory. Interchangeability would be affected by these increased pressure provisions. No cost estimate has been provided for this job.

STATINTL

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